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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: October 21, 2005 Name: Stephanie J. Felicetty, 50,814 Signature: *[Signature]*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Thomas D. Nixon et al.

Appln. No.: 10/693,425

Filed: October 24, 2003

For: BORON CARBIDE BASED CERAMIC  
MATRIX COMPOSITES

Attorney Docket No: 4865/133

Examiner: K. Group

Art Unit: 1755

Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Transmittal Cover Letter (1p. Filed in Dup.); Response (8pp.); Assignment Recordation Form Cover Sheet (1p.); Executed Assignment (3pp.); Submission of Power of Attorney and Executed Power of Attorney (3pp.); Petition for 1 Mo. Ext. of Time (2pp. Filed in Dup.)
- ☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
- ☐ Small Entity.
- ☒ An extension fee in an amount of \$120 for a 1-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_\_).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.
- ☒ Please charge Deposit Account No. 23-1925 in the amount of \$120 to cover the extension fee and \$40 to cover recordal fee. A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

10-21-05  
Date

Respectfully submitted,  
*[Signature]*  
Stephanie J. Felicetty (Reg. No. 50,814)



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10-21-05

Date of Deposit

Stephanie J. Felicetty, Reg. No. 50,814

Name of Applicant, Assignee or  
Registered Representative

*Stephanie J. Felicetty*

Signature

10-21-05

Date of Signature

Our Case No.: 4865-133  
(former Case No. BS 40534-032)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Nixon et al.	
Serial No.: 10/693,425	Examiner: Group, Karl E.
Filing Date: October 24, 2003	Group Art Unit No.: 1755
For: BORON CARBIDE BASED CERAMIC MATRIX COMPOSITES	

## RESPONSE

Commissioner for Patents  
Mail Stop AF  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed June 24, 2005, please reconsider the claims in light of the following amendments and remarks.

**Amendments to the claims** begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.